

M 6.3, CENTRAL ITALY

Origin Time: Mon 2009-04-06 01:32:39 UTC

Location: 42.33°N 13.33°E Depth: 8 km

PAGER
Version 5

Created: 1 days, 2 hrs after earthquake

Estimated Population Exposed to Earthquake Shaking

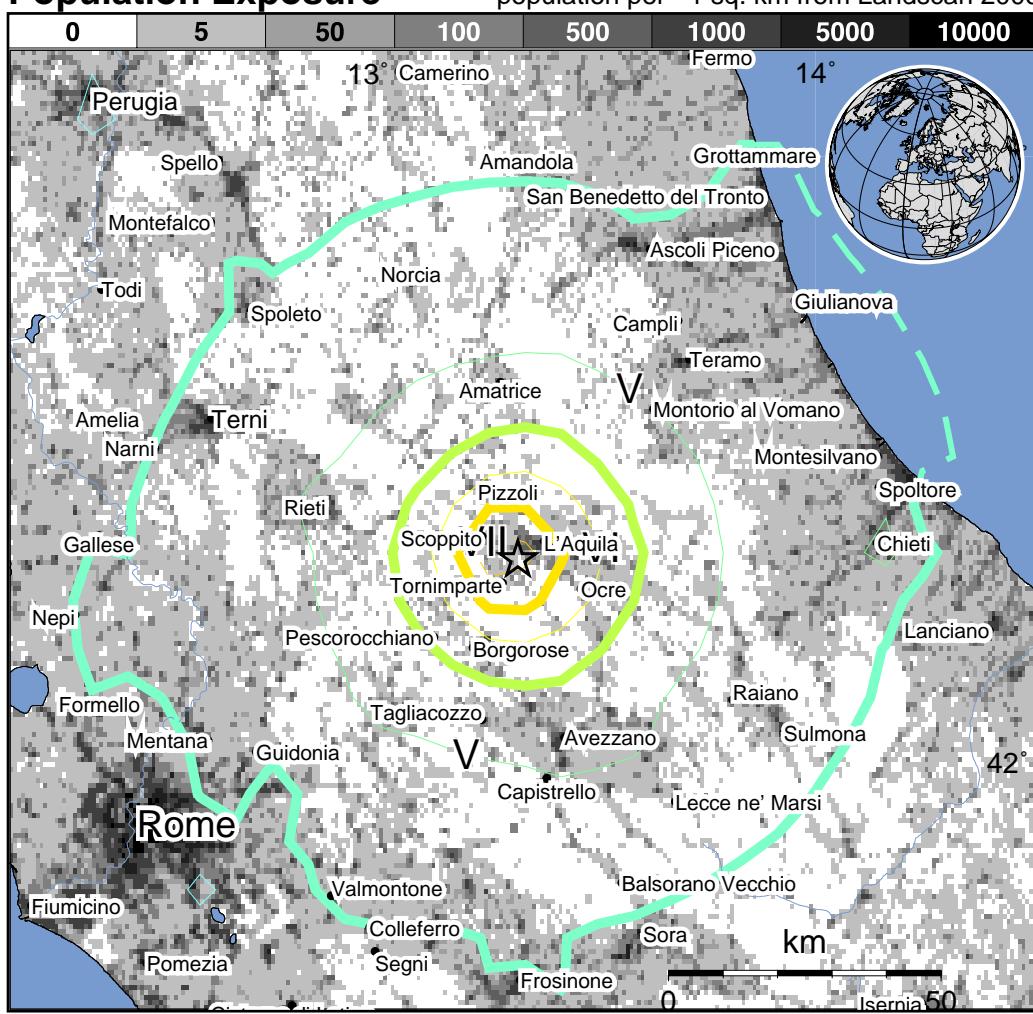
ESTIMATED POPULATION EXPOSURE (k = x1000)	--*	--*	4,440k*	1,852k	52k	69k	0	0	0
ESTIMATED MODIFIED MERCALLI INTENSITY	I	II-III	IV	V	VI	VII	VIII	IX	X+
PERCEIVED SHAKING	Not felt	Weak	Light	Moderate	Strong	Very strong	Severe	Violent	Extreme
POTENTIAL DAMAGE	Resistant Structures	none	none	none	V. Light	Light	Moderate	Moderate/Heavy	Heavy
	Vulnerable Structures	none	none	none	Light	Moderate	Moderate/Heavy	Heavy	V. Heavy

*Estimated exposure only includes population within the map area.

Population Exposure

population per ~1 sq. km from Landscan 2006

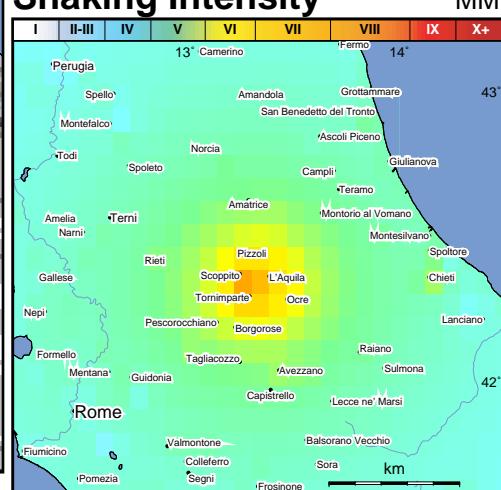
Selected City Exposure



MMI City	Population
VII Scoppito	2k
VII Tornimparte	2k
VII L'Aquila	68k
VI Pizzoli	3k
VI Ocre	1k
VI Cagnano Amiterno	1k
V Guidonia	75k
V Terni	105k
V Pescara	116k
IV Rome	2,563k
IV Perugia	149k

bold cities appear on map (k = x1000)

Shaking Intensity



Overall, the population in this region resides in structures that are a mix of vulnerable and earthquake resistant construction. A magnitude 6.0 earthquake occurred near the Umbria-Marche, Italy, region 88 km northwest of this earthquake on September 26, 1997 (UTC), with estimated population exposures of 10,000 at intensity VIII and 112,000 at intensity VII, resulting in an estimated 11 fatalities. A magnitude 6.9 earthquake occurred near the Irpinia, Italy, region 242 km southeast of the location of this earthquake on November 23, 1980 (UTC), with estimated population exposures of 37,000 at intensity IX or greater and 252,000 at intensity VIII, resulting in an estimated 2,483 fatalities. Recent earthquakes in this area have caused landslides that may have contributed to losses.

This information was automatically generated and has not been reviewed by a seismologist.

<http://earthquake.usgs.gov/pager>

Event ID: us2009fcaf